

## Technical Data

Weight:	8 oz.
Operating Frequency:	25 KHz
Output Voltage:	11.5V
Wattage Min.-Max.	20-60W
Amps: Input/Output	0.52/5.2

## Troubleshooting Guide

SYMPTOM:	PROBLEM:	SOLUTION:
Light flickers.	Only 10 watts connected to transformer.	Add additional lamp to increase output to 20 watts.
Lights do not work.	No power. Short in secondary wiring.	Check that power is on. Check wiring for open circuit or short and correct. Unplug and reinstall transformer as this will reset short protection.
No power from transformer.	Lights are not plugged in.	Plug in light. No output is generated until lights are plugged in.
Lights keep shutting off or transformer gets hot.	Too many lights (wattage) plugged into transformer.	Check that light output does not exceed 60 watts.
Slight noise on low band of TV/radio.	Connected to the same electrical outlet as TV/radio.	Connect to separate electrical outlet.

# HÄFELE

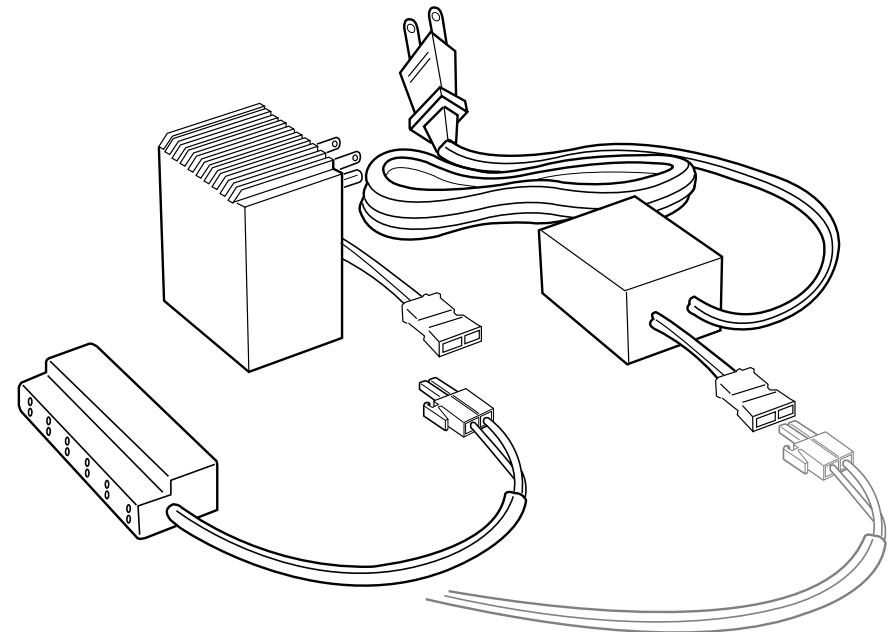
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**1-800-423-3531**  
**www.hafele.com**

7/04

# HÄFELE

## Mounting Instructions

## Electronic Transformer



### Description

Electronic Transformer UL/CUL Listed

Color  
Item No.

Black	White
823.24.436	823.24.480
824.24.450	
824.24.455	
824.24.460	

For use only with Häfele lights series #: 823.18 / 823.19 / 823.29 / 823.48  
823.59 / 823.94 and 825.16  
823.19. and 823.59.

## Instructions

- 1 Install lights per instructions supplied with lights.
- 2 Plug lights into mounting block **A**.
- 3 Plug Mounting Block and secondary transformer leads together **B**.
- 4 Plug transformer into standard 120V outlet **C**.

### WARNING!

- Transformer has a 60 Watt Capacity. **DO NOT OVERLOAD.** Any combination of lights from 10 to 60 Watts can be used.
- To insure UL® and CSA® listing, use as a complete system with Häfele Light. Do not combine with other systems.
- Lights may be switched on and off on either the primary or secondary side. **Transformer is dimmable with an electronic low voltage dimmer switch connected to the primary side only.**
- Lights come equipped with a 2 meter (6'6") lead. Additional leads may decrease light output.

## Important Safety Instructions:

When installing or using Häfele Lighting Systems, basic safety precautions should be followed including:

- 1 Read all instructions before installation.
- 2 Do not install in damp or wet locations.
- 3 Do not open or modify transformer.
- 4 To reduce the risk of fire and electrical shock, do not attempt to connect power tools, extension cords, appliances etc. to the transformer.
- 5 For indoor use only.

